BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01 of Yelahanka Sub Division

Estimation Cost.Rs 20000000.00

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. **Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) (8km lead = 57+2*1.28X8)								
	Drain Desilt								
	Maruthi nagar								
	Cross Road	cum	2	78.00	0.45	0.50	35.10		
	Venkatala Layout								
	4th Cross road	Cum	2	50.00	0.45	0.50	22.50		
	5th cross Road	Cum	2	118.00	0.45	0.50	53.10		
	Lake view and jayamuni Layout								
	lake view and jayamuni Layout main Road	Cum	1	102.00	0.45	0.50	22.95		
	6th Cross to 3rd Cross Road	Cum	1	100.50	0.45	0.50	22.61		
	New Drain								
	Lake view Layout								
	7th cross Road site No321to 326	Cum	2	98.70	1.20	1.10	260.57		
	Cross Road	Cum	2	48.00	1.20	1.10	126.72		
	Navya Vanya Nilaya	Cum	2	51.00	1.20	1.10	134.64		
	6th Cross Road ite no 300 to 303,209,210	Cum	1	44.50	1.20	1.10	58.74		
	6th Cross to 3rd Cross Road	Cum	1	100.50	1.20	1.10	132.66		
	Utsavamba Nilaya	Cum	1	140.20	1.20	1.10	185.06		
	1st Cross Road	Cum	1	92.80	1.20	1.10	122.50		
	New Culvert								
	Lake view Layout								
	Cross Road	Cum	1	7.70	1.60	1.10	13.55		
	Navya Vanya Nilaya	Cum	1	6.80	1.90	1.10	14.21		
	4th Cross road	Cum	1	6.20	1.90	1.10	12.96		
	5th Cross Road	Cum	1	5.30	1.90	1.10	11.08		
	2nd Cross Road	Cum	1	6.00	1.90	1.10	12.54		
	Over burden								
	Lake view Layout								
	7th cross Road site No321to	Cum	2	98.70	0.70	0.45	62.18		
	Cross Road	Cum	2	48.00	0.70	0.45	30.24		
	Navya Vanya Nilaya	Cum	2	51.00	0.80	0.45	36.72		
	6th Cross Road ite no 300 to	Cum	2	44.50	0.70	0.45	28.04		
	6th Cross to 3rd Cross Road	Cum	2	100.50	0.90	0.50	90.45		

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
	Utsavamba Nilaya	Cum	2	140.20	1.00	0.45	126.18		
	1st Cross Road	Cum	2	92.80	0.90	0.50	83.52		
	Basic rate	130.00							
	Area weightage 6%	7.80							
	8Km lead & Lift= 57+(2*1.28*8)	77.48							
	Sub Total	**215.28**							
	Total								
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.27-I.No.5.33)						**1698.82**	**215.28**	**365721.00**
	Drain Precast Cover Slab								
	Maruthi nagar	Sqm							
	Cross Road	Sqm	2	78.00	0.75		117.00		
	Venkatala Layout	Sqm							
	4th Cross road	Sqm	2	50.00	0.75		75.00		
	5th cross Road	Sqm	2	118.00	0.75		177.00		
	Lake view and jayamuni Layout						0.00		
	lake view and jayamuni Layout main Road	Sqm	1	102.00	0.75		76.50		
	6th Cross to 3rd Cross Road	Sqm	1	100.50	0.75		75.38		
					Sub Total		**520.88**		
	Deduct 50% for Missing/Damaged	Sqm					**260.44**		
	Basic rate	105.00							
	Area weightage 6%	6.30							
	Sub Total	**111.30**							
	Total						**260.44**	**111.30**	**28986.69**
3	KSRRB M2100 PCC 1 KSRRB M2100-10. Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification No. 2100 Pg no:222 Item no:27.18								
	New Drain								
	Lake view Layout								
	7th cross Road site No321to 326	Cum	2	98.70	1.20	0.15	35.53		
	Cross Road	Cum	2	48.00	1.20	0.15	17.28		
	Navya Vanya Nilaya	Cum	2	51.00	1.20	0.15	18.36		
	6th Cross Road ite no 300 to 303,209,210	Cum	1	44.50	1.20	0.15	8.01		
	6th Cross to 3rd Cross Road	Cum	1	100.50	1.20	0.15	18.09		
	Utsavamba Nilaya	Cum	1	140.20	1.20	0.15	25.24		
	1st Cross Road	Cum	1	92.80	1.20	0.15	16.70		

No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	New Culvert								
	Lake view Layout								
	Cross Road	Cum	1	7.70	1.60	0.15	1.85		
	Navya Vanya Nilaya	Cum	1	6.80	1.90	0.15	1.94		
	4th Cross road	Cum	1	6.20	1.90	0.15	1.77		
	5th Cross Road	Cum	1	5.30	1.90	0.15	1.51		
	2nd Cross Road	Cum	1	6.00	1.90	0.15	1.71		
	For CC Road								
	Venkatala Layout								
	4th Cross road	Cum	1	50.00	4.60	0.15	34.50		
	5th cross Road	Cum	1	118.00	4.50	0.15	79.65		
	Lake view Layout								
	7th cross Road site No321to 326	Cum	1	98.70	6.20	0.15	91.79		
	Cross Road	Cum	1	48.00	6.50	0.15	46.80		
	Navya Vanya Nilaya	Cum	1	51.00	6.40	0.15	48.96		
	6th Cross Road ite no 300 to 303,209,210	Cum	1	44.50	5.40	0.15	36.05		
	6th Cross to 3rd Cross Road	Cum	1	100.50	6.90	0.15	104.02		
	Utsavamba Nilaya	Cum	1	140.20	6.50	0.15	136.70		
	1st Cross Road	Cum	1	92.80	6.70	0.15	93.26		
	Ganesh Temple Road	Cum	1	20.50	4.90	0.15	15.07		
	Basic rate	5115.00							
	Area weightage 6%	306.90							
	Sub Total	5421.90							
	Total						**834.78**	**5421.90**	**4526069.28**
I	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)								
	Drain Rise								
	Maruthi nagar								
	Cross Road	Cum	4	78.00	0.15	0.15	7.02		
	Venkatala Layout								
	4th Cross road	Cum	4	50.00	0.15	0.15	4.50		
	5th cross Road	Cum	4	118.00	0.15	0.15	10.62		
	Lake view and jayamuni Layout								
	lake view and jayamuni Layout main Road	Cum	2	102.00	0.15	0.15	4.59		
	New Drain								
	Bottom Raft								
	Lake view Layout								
	7th cross Road site No321to 326	Cum	2	98.70	1.10	0.15	32.57		
	Cross Road	Cum	2	48.00	1.10	0.15	15.84		
	Navya Vanya Nilaya	Cum	2	51.00	1.10	0.15	16.83		
	6th Cross Road ite no 300 to 303,209,210	Cum	1	44.50	1.10	0.15	7.34		

No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	6th Cross to 3rd Cross Road	Cum	1	100.50	1.10	0.15	16.58		
	Utsavamba Nilaya	Cum	1	140.20	1.10	0.15	23.13		
	1st Cross Road	Cum	1	92.80	1.10	0.15	15.31		
	Side Walls								
	Lake view Layout								
	7th cross Road site No321to 326	Cum	4	98.70	0.15	0.75	44.42		
	Cross Road	Cum	4	48.00	0.15	0.75	21.60		
	Navya Vanya Nilaya	Cum	4	51.00	0.15	0.75	22.95		
	6th Cross Road ite no 300 to 303,209,210	Cum	2	44.50	0.15	0.75	10.01		
	6th Cross to 3rd Cross Road	Cum	2	100.50	0.15	0.75	22.61		
	Utsavamba Nilaya	Cum	2	140.20	0.15	0.75	31.55		
	1st Cross Road	Cum	2	92.80	0.15	0.75	20.88		
	New Culvert				**Sub Total**		**328.36**		
	Lake view Layout								
	Cross Road	Cum	1	7.70	1.40	0.20	2.16		
	Navya Vanya Nilaya	Cum	1	6.80	1.70	0.20	2.31		
	4th Cross road	Cum	1	6.20	1.70	0.20	2.11		
	5th Cross Road	Cum	1	5.30	1.70	0.20	1.80		
	2nd Cross Road	Cum	1	6.00	1.70	0.20	2.04		
	Side Walls								
	Lake view Layout								
	Cross Road	Cum	2	7.70	0.20	0.75	2.31		
	Navya Vanya Nilaya	Cum	2	6.80	0.20	0.75	2.04		
	4th Cross road	Cum	2	6.20	0.20	0.75	1.86		
	5th Cross Road	Cum	2	5.30	0.20	0.75	1.59		
	2nd Cross Road	Cum	2	6.00	0.20	0.75	1.80		
					Sub Total		**20.02**		
	Basic rate	6670.00							
	Area weightage 6%	400.20							
	Sub Total	7070.20							
	Total						**348.37**	**7070.20**	**2463073.85**

No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
5	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2								
For Drain	Cum	From item no.4				328.36		
	kg	Steel assumed 65Kg/Cum of Concrete				21343.14		
	tonne							
For Culvert	Cum	From item No 04				21.34		
	kg	Steel assumed 90Kg/Cum of Concrete				20.02		
	tonne					1801.62		
						1.80		
Basic rate	61365.00							
Area weightage 6%	3681.90							
Sub Total	65046.90							
Total						23.14	65046.90	1505494.89
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)								
Provide 50% for Missing/Damaged	Sqm	From item no.2				260.44		
for New Drain								
Lake view Layout								
7th cross Road site No321to 326	Sqm	2	98.70	0.90		177.66		
Cross Road	Sqm	2	48.00	0.90		86.40		
Navya Vanya Nilaya	Sqm	2	51.00	0.90		91.80		
6th Cross Road ite no 300 to 303,209,210	Sqm	1	44.50	0.90		40.05		
6th Cross to 3rd Cross Road	Sqm	1	100.50	0.90		90.45		
Utsavamba Nilaya	Sqm	1	140.20	0.90		126.18		
1st Cross Road	Sqm	1	92.80	0.90		83.52		
Data Rate	**2337.00**							
Total						956.50	2337.00	2235334.66
7	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incha								
New Culvert								
Lake view Layout								
Cross Road	Sqm	1	7.70	1.20		9.24		
Navya Vanya Nilaya	Sqm	1	6.80	1.50		10.20		
4th Cross road	Sqm	1	6.20	1.50		9.30		
5th Cross Road	Sqm	1	5.30	1.50		7.95		
2nd Cross Road	Sqm	1	6.00	1.50		9.00		
Data rate	**5418.00**							
Total						45.69	5418.00	247548.42

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No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	Kerb PCC								
	Maruthi nagar								
	Cross Road	Cum	2	78.00	0.20	0.10	3.12		
	Lake view Layout								
	7th cross Road site No321to 326	Cum	2	98.70	0.20	0.10	3.95		
	Cross Road	Cum	2	48.00	0.20	0.10	1.92		
	Navya Vanya Nilaya	Cum	2	51.00	0.20	0.10	2.04		
	6th Cross Road ite no 300 to 303,209,210	Cum	2	44.50	0.20	0.10	1.78		
	6th Cross to 3rd Cross Road	Cum	2	100.50	0.20	0.10	4.02		
	Utsavamba Nilaya	Cum	1	140.20	0.20	0.10	2.80		
	1st Cross Road	Cum	1	92.80	0.20	0.10	1.86		
	Basic rate	5422.00							
	Area weightage 6%	325.32							
	Sub Total	5747.32							
	Total						**21.49**	**5747.32**	**123498.41**
	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)								
	New kerb stone								
	Maruthi nagar								
	Cross Road	m	2	78.00			156.00		
	Lake view Layout								
	7th cross Road site No321to 326	m	2	98.70			197.40		
	Cross Road	m	2	48.00			96.00		
	Navya Vanya Nilaya	m	2	51.00			102.00		
	6th Cross Road ite no 300 to 303,209,210	m	2	44.50			89.00		
	6th Cross to 3rd Cross Road	m	2	100.50			201.00		
	Utsavamba Nilaya	m	1	140.20			140.20		
	1st Cross Road	m	1	92.80			92.80		
	Total length						**1074.40**		
	No of Kerb Stones	Nos	Total Length/0.45				2387.56		
	Total	Nos					**2388**		
	Basic rate	408.00							
	Area weightage 6%	24.48							
	Sub Total	**432.48**							
	Total						**2388.00**	**432.48**	**1032762.24**

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
10	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No.180. Iitem no.24.1 of KPWD S.R Bangalore Circle 2018-2019)								
	For Kerb								
	Maruthi nagar								
	Cross Road	Sqm	2	78.00		0.40	62.40		
	Lake view Layout	Sqm							
	7th cross Road site No321to 326	Sqm	2	98.70		0.40	78.96		
	Cross Road	Sqm	2	48.00		0.40	38.40		
	Navya Vanya Nilaya	Sqm	2	51.00		0.40	40.80		
	6th Cross Road ite no 300 to 303,209,210	Sqm	2	44.50		0.40	35.60		
	6th Cross to 3rd Cross Road	Sqm	2	100.50		0.40	80.40		
	Utsavamba Nilaya	Sqm	1	140.20		0.40	56.08		
	1st Cross Road	Sqm	1	92.80		0.40	37.12		
	Basic rate	80.00							
	Area weightage 6%	4.80							
	Sub Total	**84.80**							
	Total						**429.76**	**84.80**	**36443.65**
11	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and directions of the Engineer in charge.								
	Venkatala Layout								
	4th Cross road	Sqm	1	50.00	4.60		230.00		
	5th cross Road	Sqm	1	118.00	4.50		531.00		
	Basic rate	39.00							
	Area weightage 6%	2.34							
	Sub Total	41.34							
	Total						**761.00**	**41.34**	**31459.74**
12	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading (I No-19.14,P No-143) (8 km lead = 2*1.28X8)								
	Lake view Layout								
	7th cross Road site No321to 326	Cum	1	98.70	6.20	0.45	275.37		
	Cross Road	Cum	1	48.00	6.50	0.45	140.40		
	Navya Vanya Nilaya	Cum	1	51.00	6.40	0.45	146.88		
	303,209,210	Cum	1	44.50	5.40	0.45	108.14		
	6th Cross to 3rd Cross Road	Cum	1	100.50	6.90	0.45	312.05		
	Utsavamba Nilaya	Cum	1	140.20	6.50	0.45	410.09		
	1st Cross Road	Cum	1	46.40	6.70	0.45	139.90		

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
	1st Cross Road	Cum	1	46.40	6.70	0.45	139.90		
	Ganesh Temple Road	Cum	1	20.50	4.90	0.45	45.20		
	Basic rate	41.00							
	Area weightage 6%	2.46							
	8Km lead= (2*1.28*8)	20.48							
	Sub Total	**63.94**							
	Total						**1717.92**	**63.94**	**109843.80**
13	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)								
	Venkatala Layout								
	4th Cross road	Sqm	1	50.00	4.60		230.00		
	5th cross Road	Sqm	1	118.00	4.50		531.00		
	Lake view Layout	Sqm							
	7th cross Road site No321to	Sqm	1	98.70	6.20		611.94		
	Cross Road	Sqm	1	48.00	6.50		312.00		
	Navya Vanya Nilaya	Sqm	1	51.00	6.40		326.40		
	6th Cross Road ite no 300 to	Sqm	1	44.50	5.40		240.30		
	6th Cross to 3rd Cross Road	Sqm	1	100.50	6.90		693.45		
	Utsavamba Nilaya	Sqm	1	140.20	6.50		911.30		
	1st Cross Road	Sqm	1	92.80	6.70		621.76		
	Ganesh Temple Road	Sqm	1	20.50	4.90		100.45		
	Basic rate	6.00							
	Area weightage 6%	0.36							
	Sub Total	6.36							
	Total						**4578.60**	**6.36**	**29119.90**
14	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 ((I No-19.60,P No-147)								
	Lake view Layout								
	1st Cross Road	Cum	1	46.40	6.70	0.30	93.26		
	Ganesh Temple Road	Cum	1	20.50	4.90	0.30	30.14		
	Basic rate	325.00							
	Area weightage 6%	19.50							
	Sub Total	344.50							
	Total						**123.40**	**344.50**	**42510.96**
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)								
	Lake view Layout								
	7th cross Road site No321to 326	Cum	1	98.70	6.20	0.15	91.79		
	Cross Road	Cum	1	48.00	6.50	0.15	46.80		
	Navya Vanya Nil...	Cum	1	51.00	6.40	0.15	48.96		

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	6th Cross Road ite no 300 to 303,209,210	Cum	1	44.50	5.40	0.15	36.05		
	6th Cross to 3rd Cross Road	Cum	1	100.50	6.90	0.15	104.02		
	Utsavamba Nilaya	Cum	1	140.20	6.50	0.15	136.70		
	1st Cross Road	Cum	1	92.80	6.70	0.15	93.26		
	Ganesh Temple Road	Cum	1	20.50	4.90	0.15	15.07		
	Basic rate	1882.00							
	Area weightage 6%	112.92							
	Sub Total	1994.92							
	Total						**572.64**	**1994.92**	**1142370.99**
16	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries,all lead and lift charges etc., complete as per specifications. - do with OPC at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum Pg No.176Item No.22.6.1									
	Venkatala Layout								
	4th Cross road	Cum	1	50.00	4.60	0.15	34.50		
	5th cross Road	Cum	1	118.00	4.50	0.15	79.65		
	Lake view Layout								
	7th cross Road site No321to 326	Cum	1	98.70	6.20	0.15	91.79		
	Cross Road	Cum	1	48.00	6.50	0.15	46.80		
	Navya Vanya Nilaya	Cum	1	51.00	6.40	0.15	48.96		
	6th Cross Road ite no 300 to 303,209,210	Cum	1	44.50	5.40	0.15	36.05		
	6th Cross to 3rd Cross Road	Cum	1	100.50	6.90	0.15	104.02		

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	Utsavamba Nilaya	Cum	1	140.20	6.50	0.15	136.70		
	1st Cross Road	Cum	1	92.80	6.70	0.15	93.26		
	Ganesh Temple Road	Cum	1	20.50	4.90	0.15	15.07		
	Basic rate	4916.00							
	Area weightage 6%	294.96							
	sub Total	5210.96							
	Total						686.79	5210.96	3578835.22
								Grand Total	17499073.70
								DPR Charges (1% of estimated cost)	200000.00
								Project management And Consultancy Charges(1% of estimated cost)	200000.00
								GST Charges (12% of estimated cost)	2099888.84
								Miscellenious and rounding	1037.45
								Total Amount	20000000.00
								RUPEES TWO CRORE ONLY	

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019,Issue rates and Data Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

SILICON CONSULTING ENGINEERS

Technical Sanction
Accorded For Rs 200. Lakhs only
Head of A/C P.3866
CER NO :151 Dt:22.12.2020

CE (YNK)

Administrative Sanction for Rs. 200.00 lakhs
Rupees Two Crore Rupees only
is accorded under head P-3866
Basic infrastructual developmental
works at SE/SI Areas
Register under CE No. 03 Subject
to conditions contained in enclosed memo
No. BBMP/EE/YNK/ATS/03/2021-22 Dt. 05/06/21